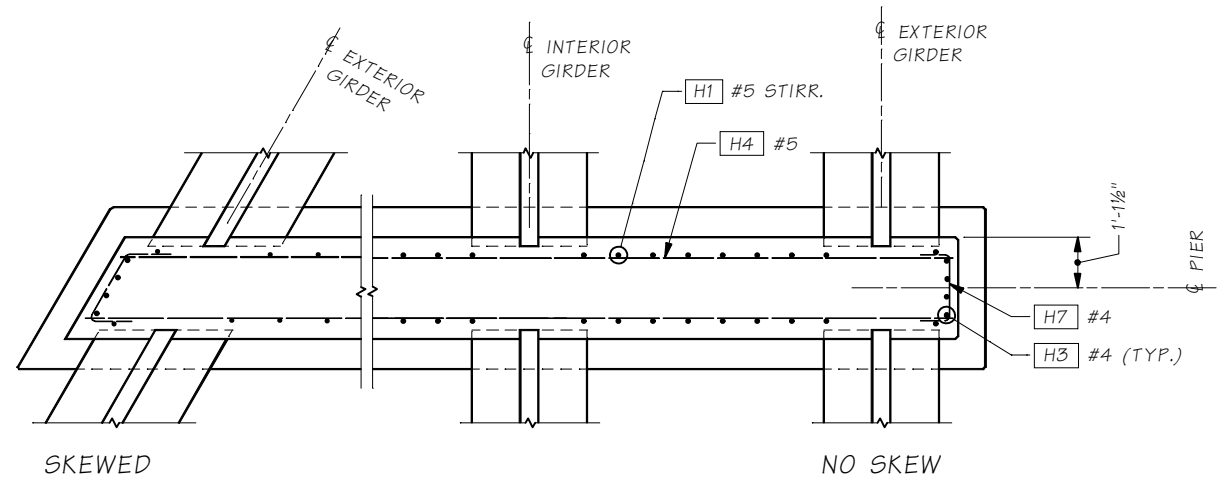


5.6-A4-18
SR
NO. 11
FILED
Last revised on : 7/20/2011



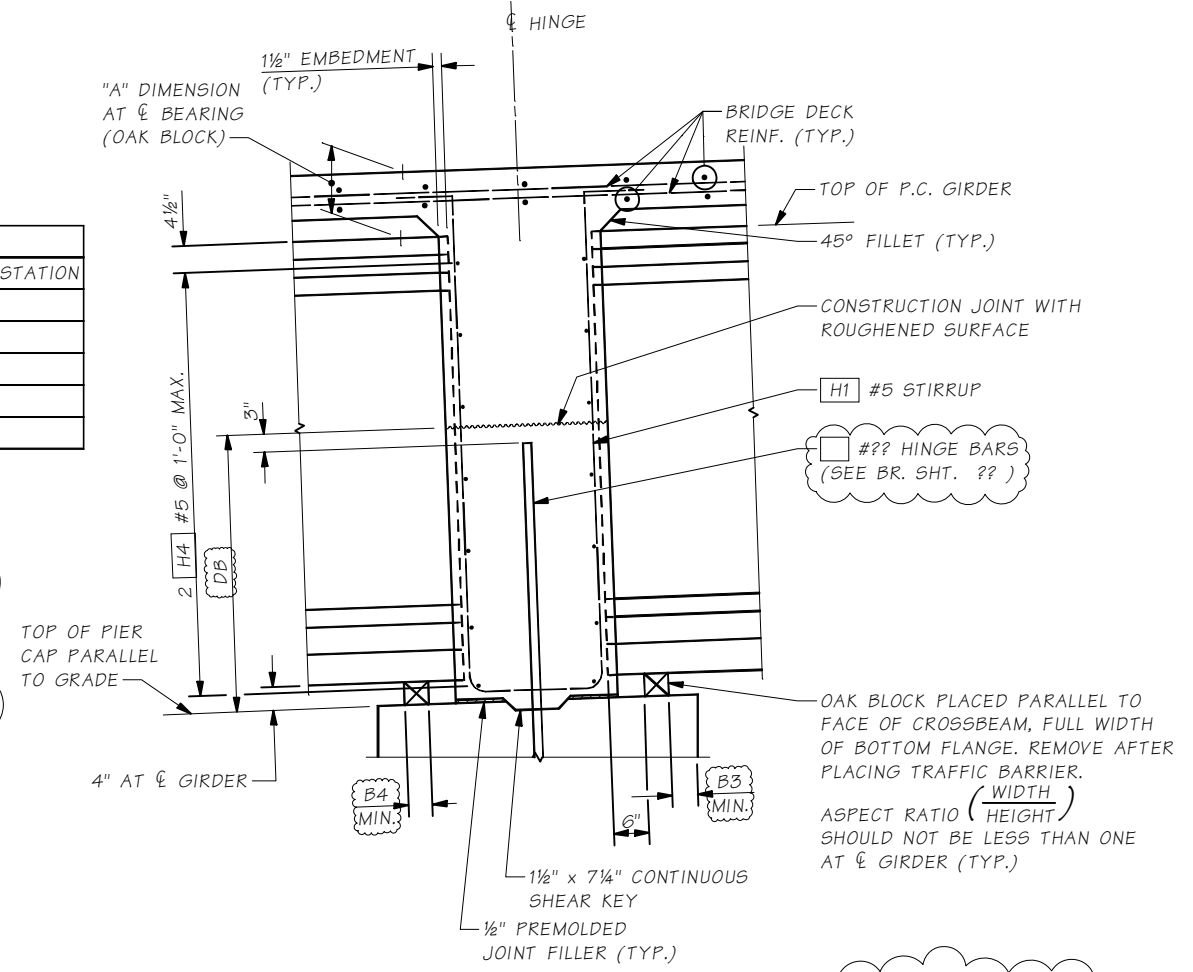
NOTE TO DETAILER:
Revise Details to show correct girder height.

ELEVATION AT TOP OF OAK BLOCK

GIRDER	PIER ?	
	BACK STATION	AHEAD STATION

GIRDER	DB	TYPICAL HINGE BAR SIZE
WF36G	2'-2"	#9
WF42G	2'-6"	#9
WF50G	2'-10"	#9
WF58G	3'-2"	#9
WF66G	3'-6"	#10
WF74G	3'-10"	#10
WF83G	3'-10"	#10
WF95G	3'-10"	#10
WF100G	3'-10"	#10

NOTE TO DESIGNER
Replace DB with appropriate value.

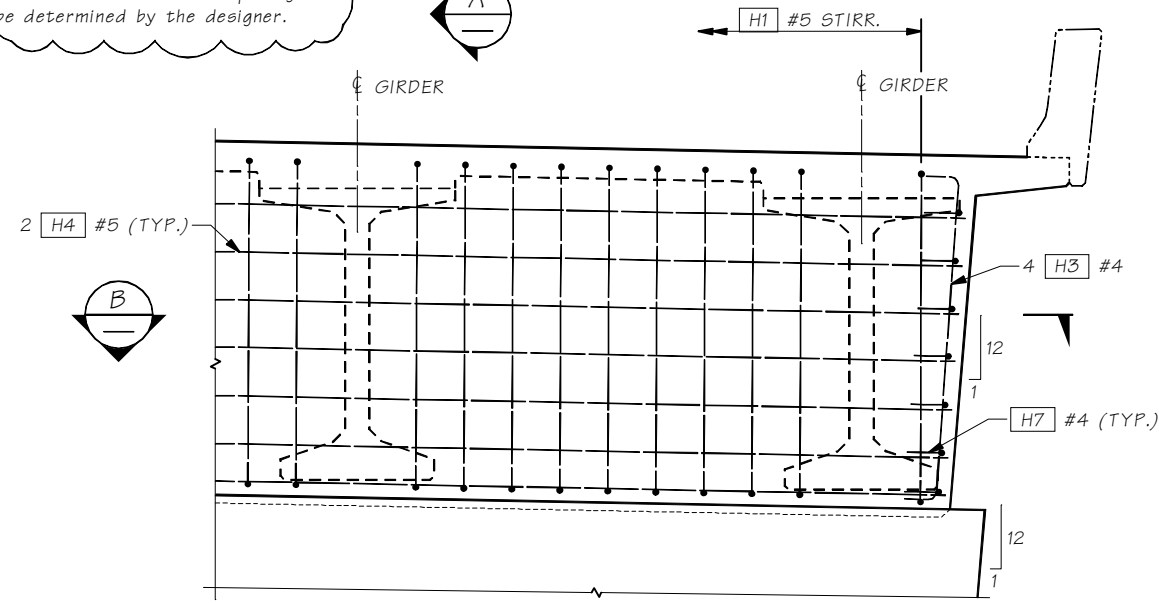


OAK BLOCK PLACED PARALLEL TO FACE OF CROSSBEAM, FULL WIDTH OF BOTTOM FLANGE. REMOVE AFTER PLACING TRAFFIC BARRIER.
ASPECT RATIO (HEIGHT / WIDTH) SHOULD NOT BE LESS THAN ONE AT GIRDER (TYP.)

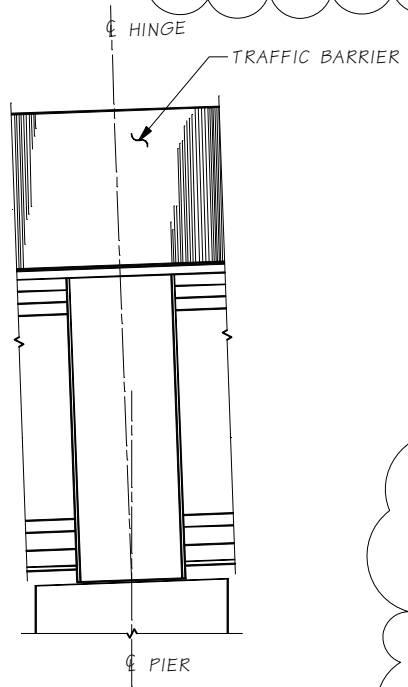
GIRDER	B3	B4
WF36G	3"	3"
WF42G	3"	3"
WF50G	3"	3"
WF58G	3"	3"
WF66G	4 1/2"	3 1/2"
WF74G	4 1/2"	4"
WF83G	4 1/2"	4 1/2"
WF95G	4 1/2"	5"
WF100G	5"	5 1/2"

NOTE TO DESIGNER
Replace B3 and B4 with appropriate values.

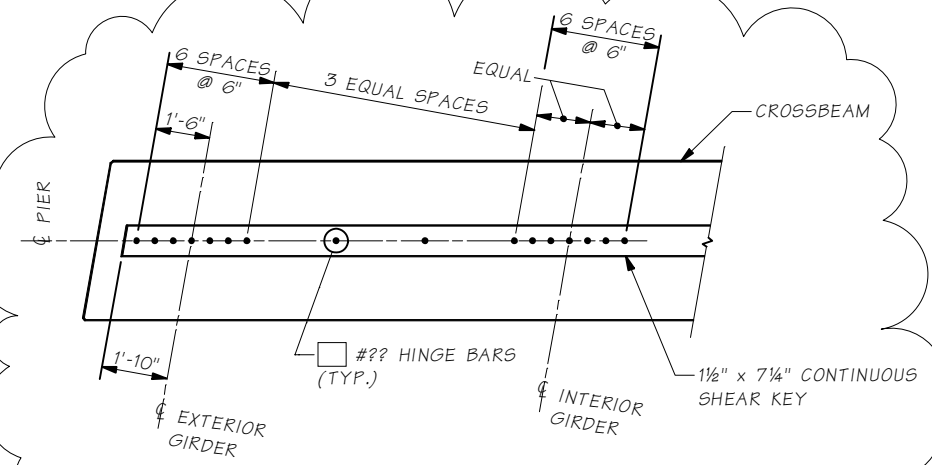
NOTE TO DESIGNER
The actual bar size and spacing shall be determined by the designer.



ELEVATION



END VIEW HINGE DIAPHRAGM



HINGE BAR PLAN

An example hinge bar plan is shown for designer. The actual hinge bars detail shall be shown on the crossbeam details sheet.
The actual bar size and spacing shall be determined by the designer.

NOTES:

- GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
- CUT/RELEASE GIRDER TEMPORARY STRANDS BEFORE CASTING DIAPHRAGM. SEE TEMPORARY STRAND CUTTING SEQUENCE.
- EXTENDED STRANDS AND GIRDER REINFORCING NOT SHOWN FOR CLARITY.
- LONGITUDINAL DIMENSIONS ARE NORMAL TO SKEW.
- FOR CONCRETE PLACEMENT PROCEDURE SEE "SUPERSTRUCTURE CONSTRUCTION SEQUENCE" SHEET.

Bridge Design Engr.	M:\STANDARDS\Girders\WF\HINGED INTERMEDIATE PIER DIAPHRAGM.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APP'D		

Wed Oct 17 13:28:53 2012

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

HINGE DIAPHRAGM AT INTERMEDIATE PIER DETAILS

BRIDGE SHEET NO.
SHEET
OF
SHEETS